



**Budha Dal Public
School, Patiala**

**Class NURSERY
Maths Planner
Term 1
Session 2026-27**



FORMATIVE ASSESSMENT 1

Theme 1: Special Me

Number 1

Number 2

Number 3

Number 4

Number 5

SUMMATIVE ASSESSMENT 1

Theme 2: Family Fun

Circle

Triangle

Colours

Theme 3: School is Cool

Number 6

Number 7

Number 8

Number 9

Theme 4: Best Buddies

Tall -Short

Big -small

Heavy -light

Long -short



CL

Hi, I am Lina.
I am 3 years old.



I love the yellow
colour. I love to eat
mangoes.



ST PMD

Trace the numbers with your fingers.



Finger Tracing

1

Number 1

1

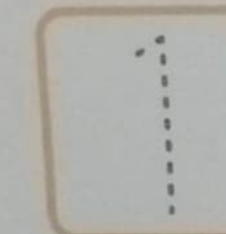
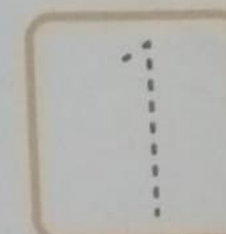
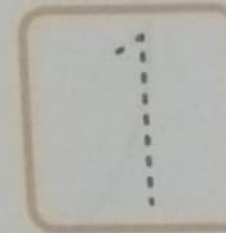
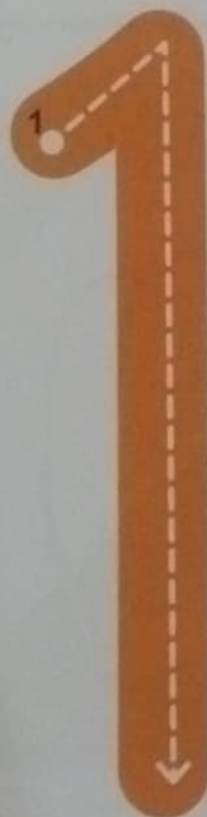
One



1 Bunny

COD ST

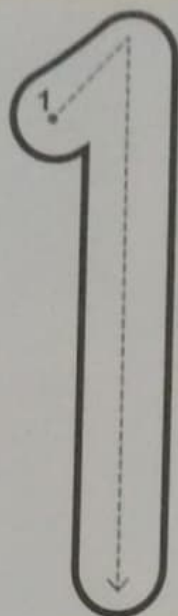
1. Trace the number 1.



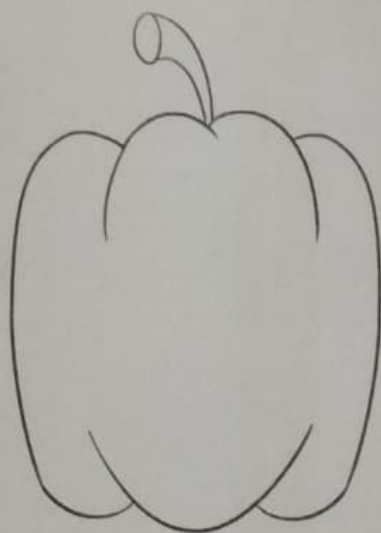
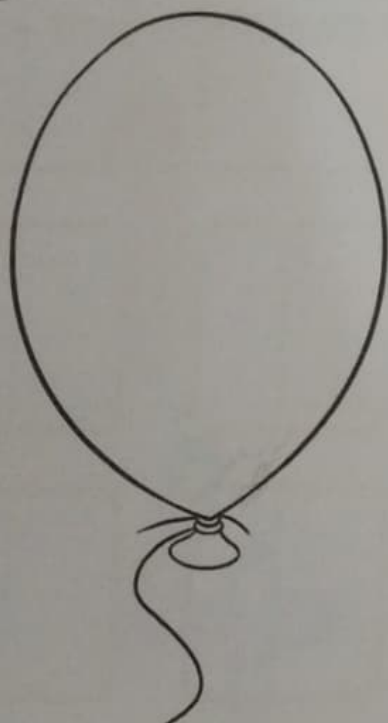
COD PMD SP

COD PMD SP 2. Trace the number 1 with different colours.

Rainbow Tracing

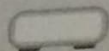


COD PMD SP 3. Colour one balloon. Colour one capsicum.



Lesson 1: Number 1

Theme 1:
Special Me



3 Period (40 minutes each)



Main Coursebook, CRM signs of Learning Kit, beads



Animation, Animated Activities, eBook, Infographic, Slideshow, Test Generator

Curricular Goals and Objectives (ECCE)

To enable the students:

- develop various number concepts
- develop effective verbal and non-verbal communication skills
- develop mathematical ideas through concrete experiences, spoken language, pictures and written symbols

clock, etc.) are

Learning Outcomes

The students will:

Physical Development	• name the fruits and colours • hold the writing tools
Socio-Emotional and Ethical Development	• respond positively to the situation and peers
Cognitive Development	• identify the number 1 and recognise the objects one in quantity
Language and Literacy Development	• communicate using oral math talk
Aesthetic and Cultural Development	• explore and play with colours
Positive Learning Habits	• follow class norms

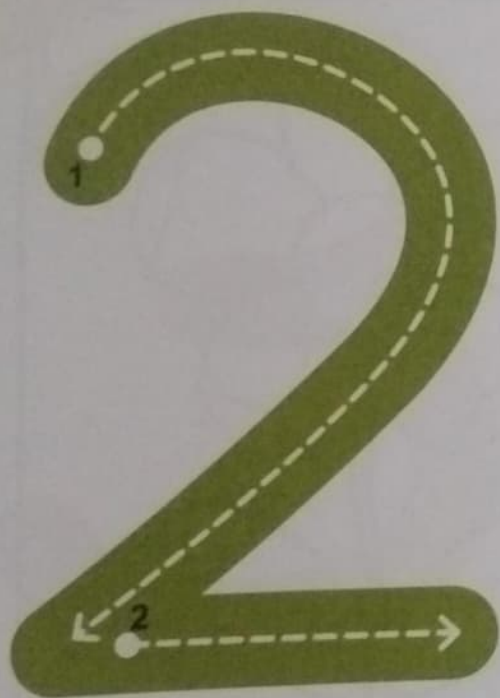
2



Two

2 Cats

1. Trace the number 2.



2

2

2

2

2

2

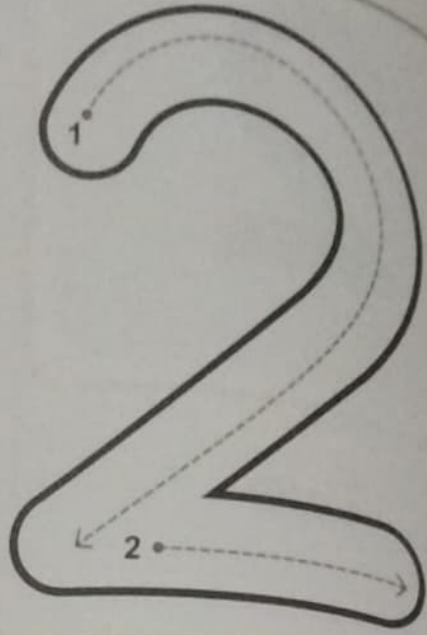
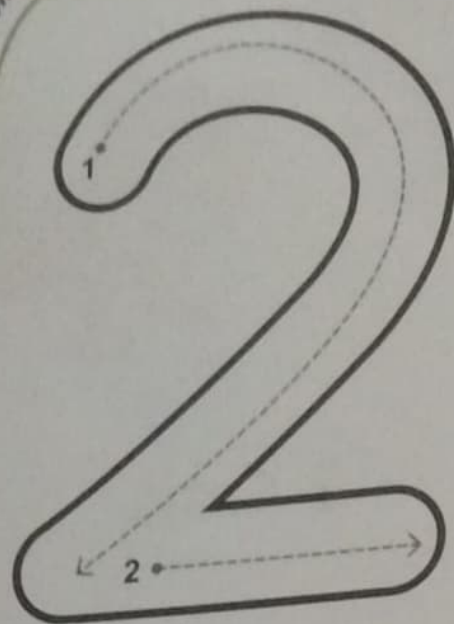
2

2

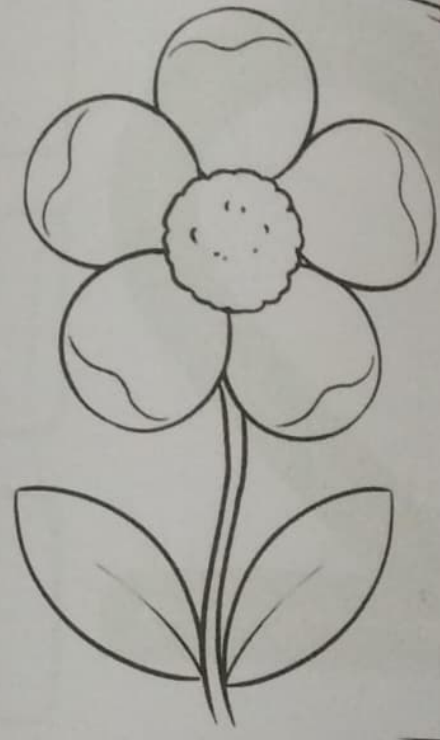
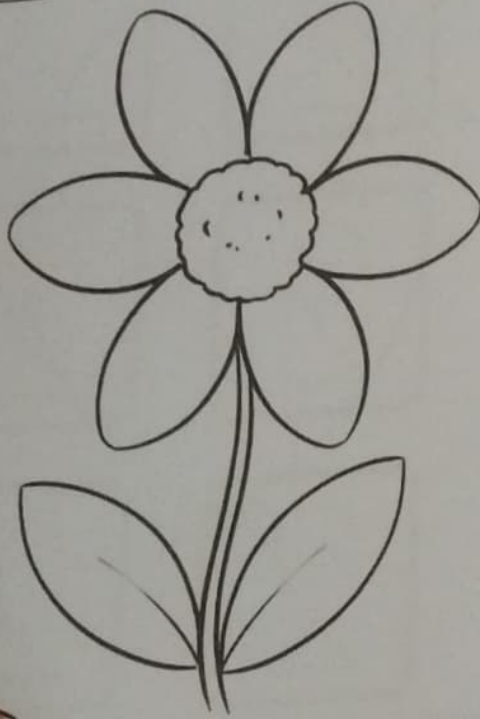
2

2. Trace the number 2 with different colours.

Rainbow Tracing

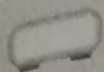


3. Colour two flowers.



Lesson 2: Number 2

Theme 1:
Special Me



3 Period (40 minutes each)



CRM signs of Learning Kit, flashcards/number cards, chart paper, crayons



Animation, Animated Activities, eBook, Infographic, Slideshow, Test Generator

Curricular Goals and Objectives (ECCE)

To enable the students:

- develop various number concepts
- display emergent numeracy and literary skills
- develop mathematical ideas through concrete experiences, spoken language, pictures and written symbols

Learning Outcomes

The students will:

Physical Development	• trace, colour and draw • hand and finger movement
Socio-Emotional and Ethical Development	• interacts with peers and teacher comfortably
Cognitive Development	• recognise number 2 and objects for the same number
Language and Literacy Development	• use simple words and short sentences and communicate in oral math talk
Aesthetic and Cultural Development	• explore and play with colours
Positive Learning Habits	• follow class norms

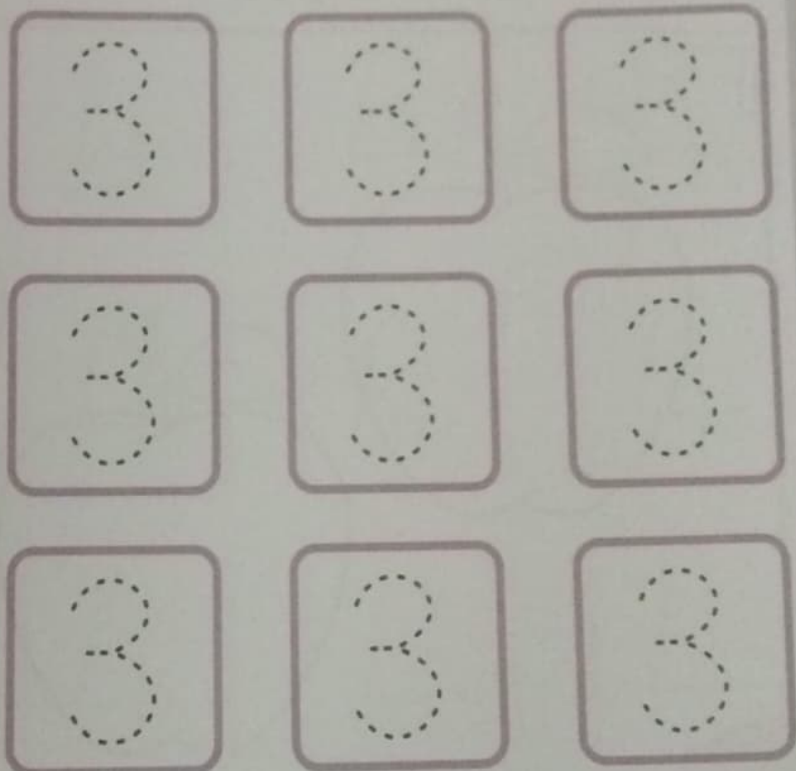
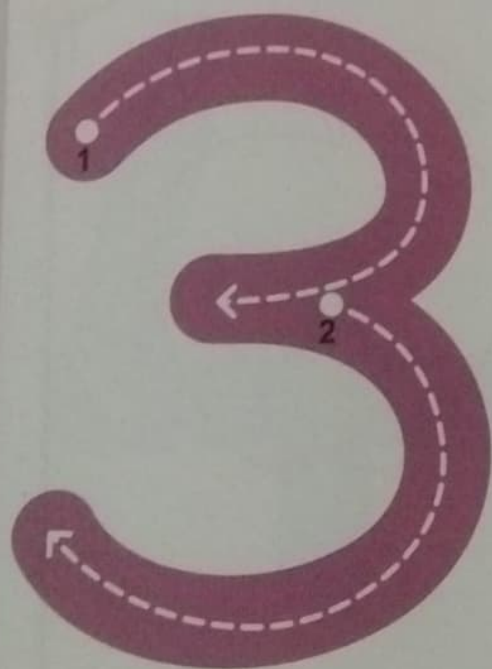
3



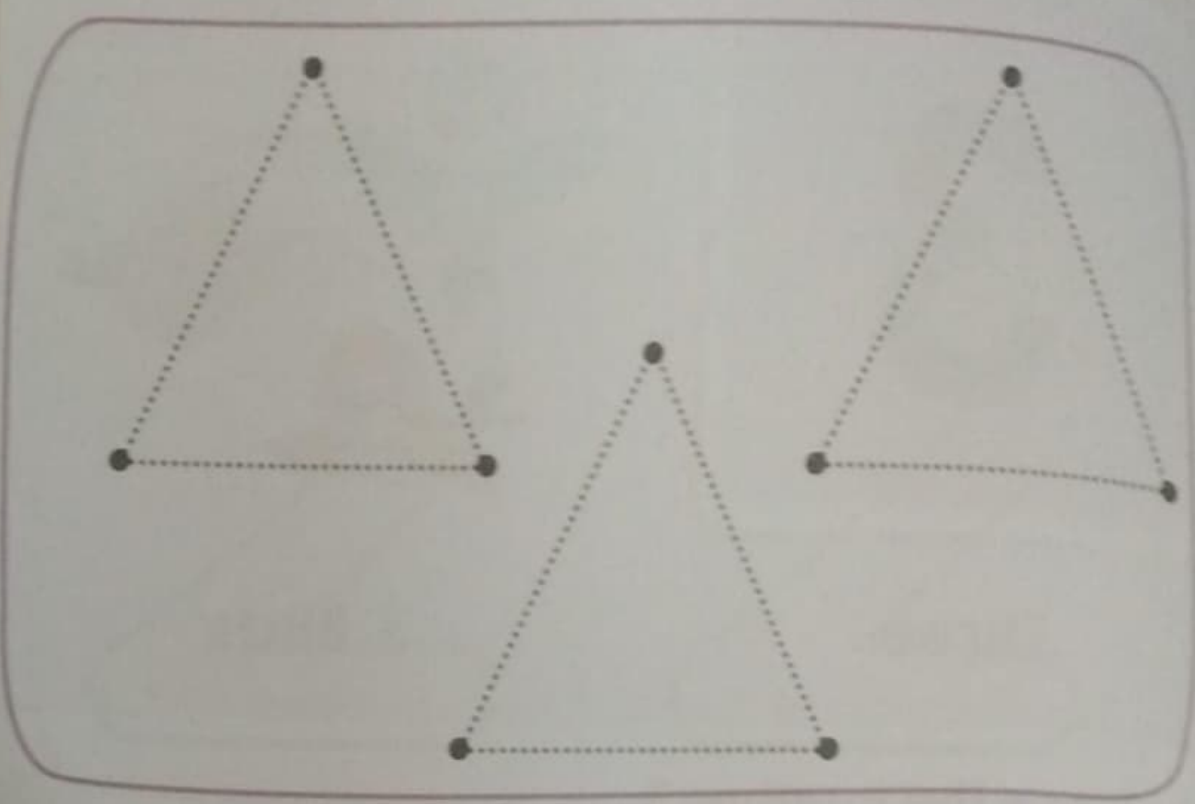
Three

3 Birds

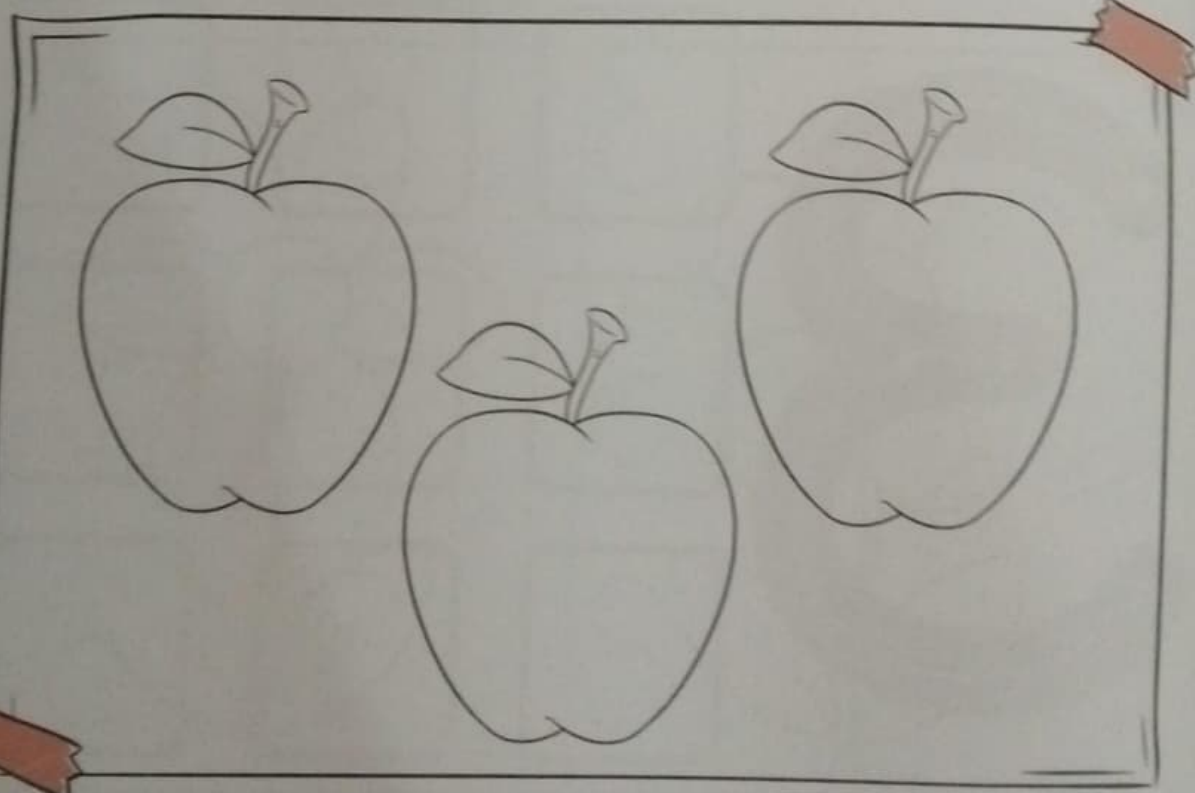
1. Trace the number 3.



2. Join the dots. Colour three shapes.

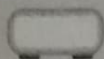


3. Colour three apples.



Lesson 3: Number 3

Theme 1:
Special Me



3 Period (40 minutes)



CRM signs of Learning Kit, flashcards/number cards, balls, paper cups



Animation, Animated Activities, eBook, Infographic, Slideshow, Test Generator

Curricular Goals and Objectives (ECCE)

To enable the students:

- develop various number concepts
- display emergent numeracy and literary skills
- develop mathematical ideas through concrete experiences, spoken language, pictures

Learning Outcomes

The students will:

Physical Development	• differentiate between shapes, colours
Socio-Emotional and Ethical Development	• works in collaboration with peers
Cognitive Development	• identify and count objects three in number
Language and Literacy Development	• use oral math talk to communicate ideas
Aesthetic and Cultural Development	• explore and play with colours
Positive Learning Habits	• follow classroom norms

4

Number 4

4

Four



4 Kites

COD ST

1. Trace the number 4.

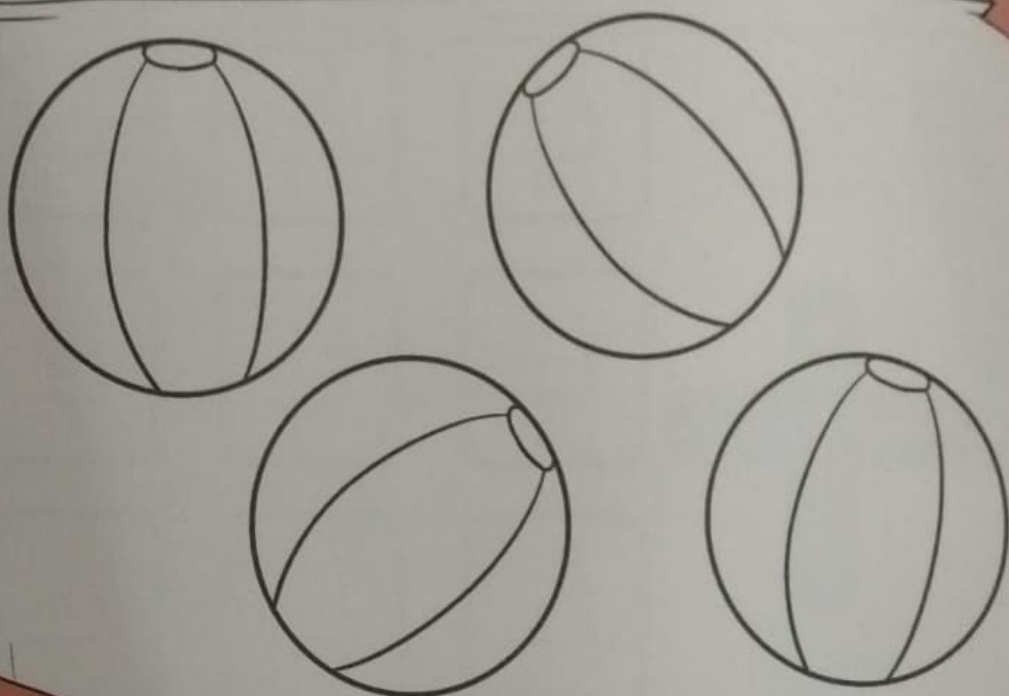


COD PMD SP

Trace the leaves. Colour the four leaves.



3. Colour four balls.



Lesson 4: Number 4

Theme 1:
Special Me

 3 Period (40 minutes each)

 CRM signs of Learning Kit, flashcards/number cards

 Animation, Animated Activities, eBook, Infographic, Slideshow, Test Generator

Curricular Goals and Objectives (ECCE)

To enable the students:

- develop positive learning habits
- develop communication skills with oral math talk

Learning Outcomes

The students will:

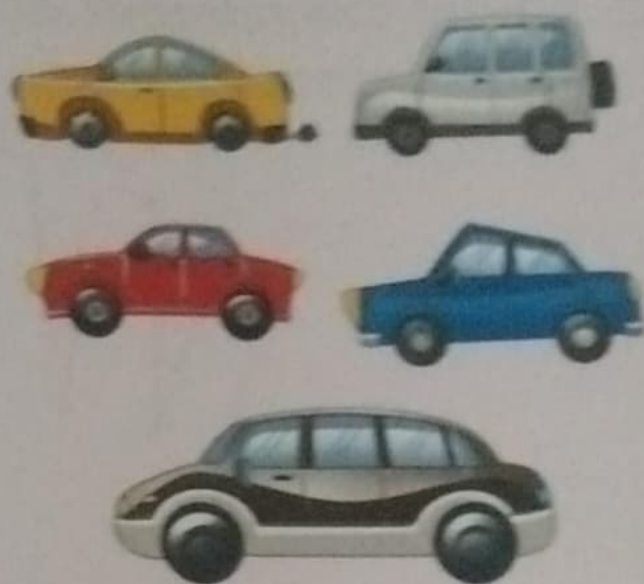
Physical Development	• holds writing tools like crayons, pencils
Socio-Emotional and Ethical Development	• talk comfortably with peers and teacher
Cognitive Development	• identify objects that are four in number
Language and Literacy Development	• use oral math talk to describe the objects and their number
Aesthetic and Cultural Development	• explore and play with colours
Positive Learning Habits	• observe and follow instructions

5

Number 5

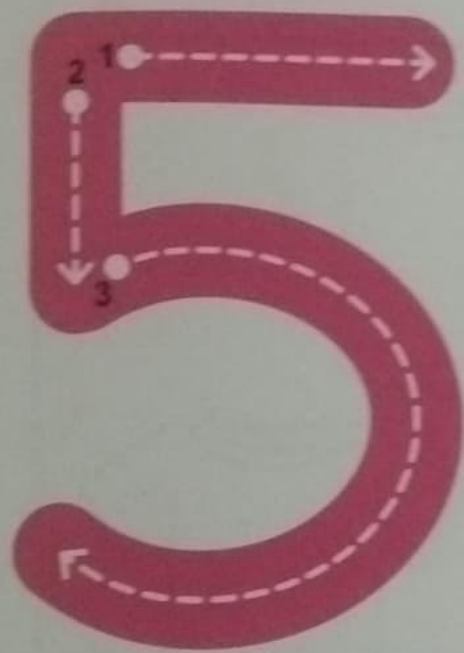
5

Five



5 Cars

1. Trace the number 5.



5

5

5

5

5

5

5

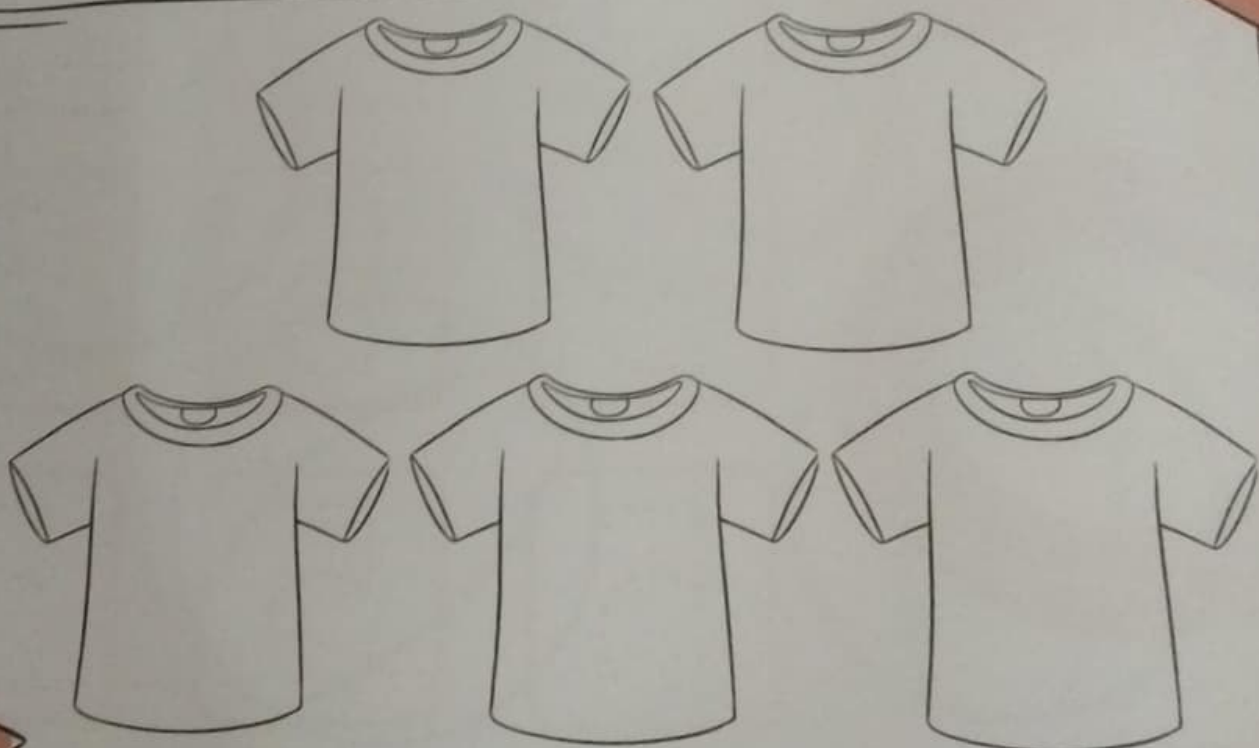
5

5

2. Count the number of fingers.
Then colour them.



3. Colour five t-shirts.



Revision

1. Trace the numbers from 1 to 5.

1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5

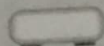
2. Trace the number names. Say their names aloud.

1	One	One
2	Two	Two
3	Three	Three
4	Four	Four
5	Five	Five

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COMPLIMENTARY COPY

Lesson 5: Number 5

Theme 1:
Special Ma



3 Periods (40 minutes each)



CRM signs of Learning Kit, flashcards/number cards, balls



Animation, Animated Activities, eBook, Infographic, Slideshow, Test Generator

Curricular Goals and Objectives (ECCE)

To enable the students:

- develop positive learning habits
- develop communication skills with oral math talk
- develop mathematical ideas through concrete experiences, spoken language, pictures and written symbols

The students will:

Physical Development

- trace the numbers and number names from 1 to 5
- draw, colour pictures
- learn to hold the writing tools
- develop balance and coordination of small motor muscles

Socio-Emotional and Ethical Development

- learn to interact with peers and teacher comfortably

Cognitive Development

- recognise numbers from 1 to 5
- identify shapes and objects

Language and Literacy Development

- listen attentively for specific information
- get the knowledge of different fonts

Aesthetic and Cultural Development

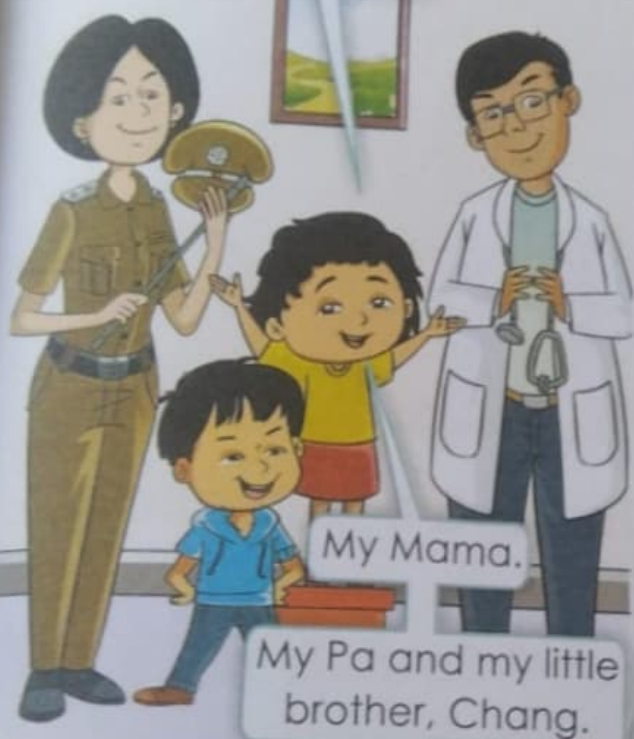
- draw or paste picture for the given numbers

Positive Learning Habits

- observe and explore the objects in the surrounding
- adopt and follow class norms
- learn benefits of nature walk



Meet my family.



My Mama.

My Pa and my little
brother, Chang.

She is my grandmother.
I call her Aita.



He is my grandfather.
I call him Koka.

Trace the shapes with your fingers.



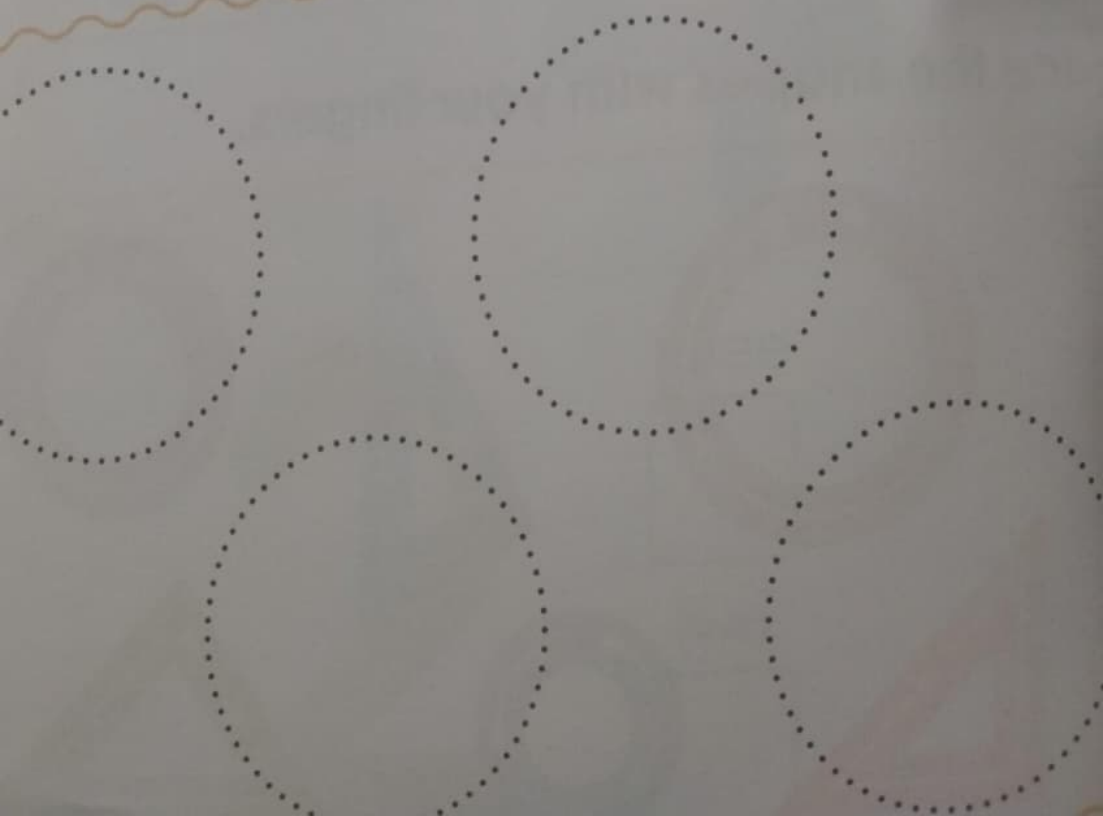
Circle



This is a circle.

These are also circles

Trace the dots and colour.



Lesson 6: Circle

Theme 2
Family Fun

 4 Periods (40 minutes each)



CRM signs of Learning Kit, flashcard, chart paper, playdough, crayon



Animation, Animated Activities, eBook, Infographic, Slideshow, Test Generator

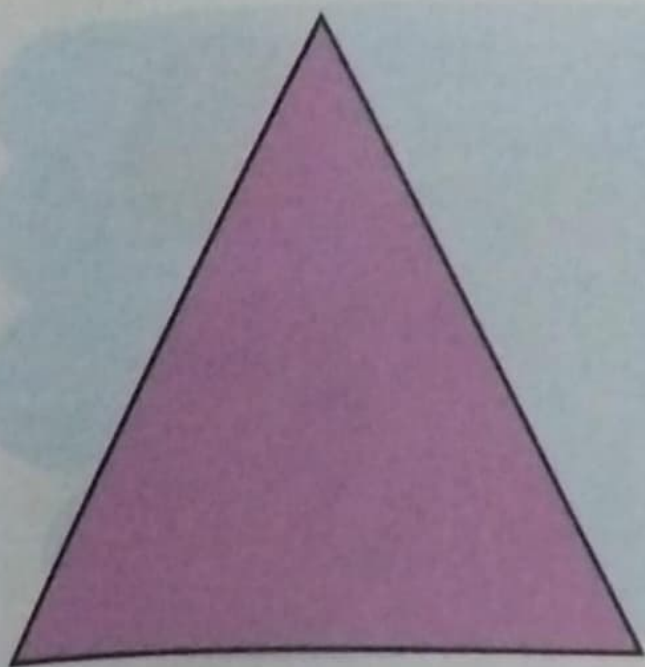
Curricular Goals and Objectives (ECCE)

To enable the students:

- develop sense of balance and coordination of motor skills
- develop cognitive skills of observation, memory and exploration
- develop positive learning habits
- develop communication skills with oral math talk
- explore physical and natural environment by asking questions and developing generalisations

Physical Development	• show balance and coordination and flexibility in physical activities
Socio-Emotional and Ethical Development	• learn to communicate effectively with peers and teacher
Cognitive Development	• identify objects and recognise their shapes • observe and sort objects into groups based on their shapes
Language and Literacy Development	• use the vocabulary learnt to describe shapes of objects • understand non-verbal instructions through CRM signs
Aesthetic and Cultural Development	• innovate and work imaginatively to express their ideas
Positive Learning Habits	• acquire skills to plan and focus attention

Triangle

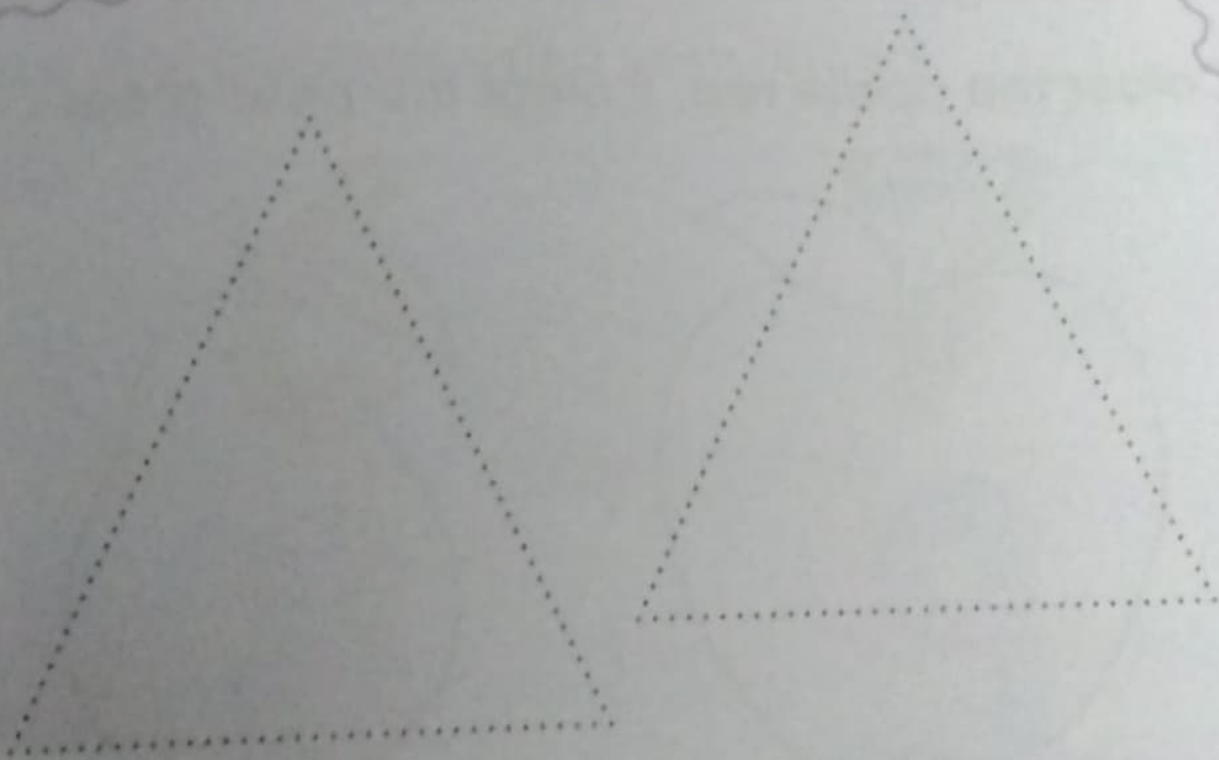
COD
ST

This is a triangle.



These are also triangles.

Trace the dots and colour.

COD
PMD
SP

Lesson 7: Triangle

Theme 2:
Family Fun

 4 Periods (40 minutes each)



Main Coursebook, CRM signs of Learning Kit, flashcards/pictures, paper triangles



Animation, Animated Activities, eBook, infographic, slideshow, Test Generator

Curricular Goals and Objectives (ECCE)

To enable the students:

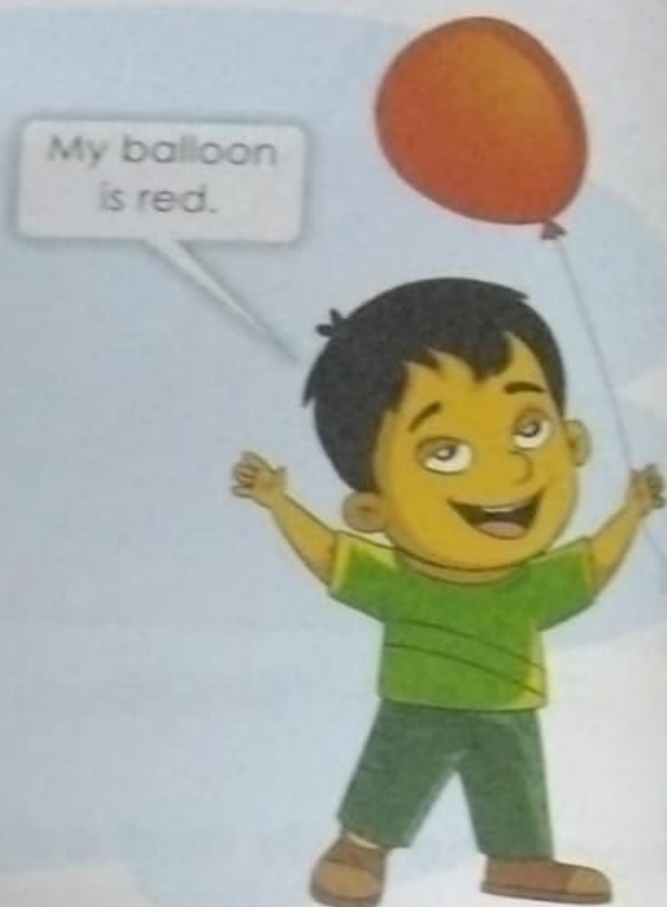
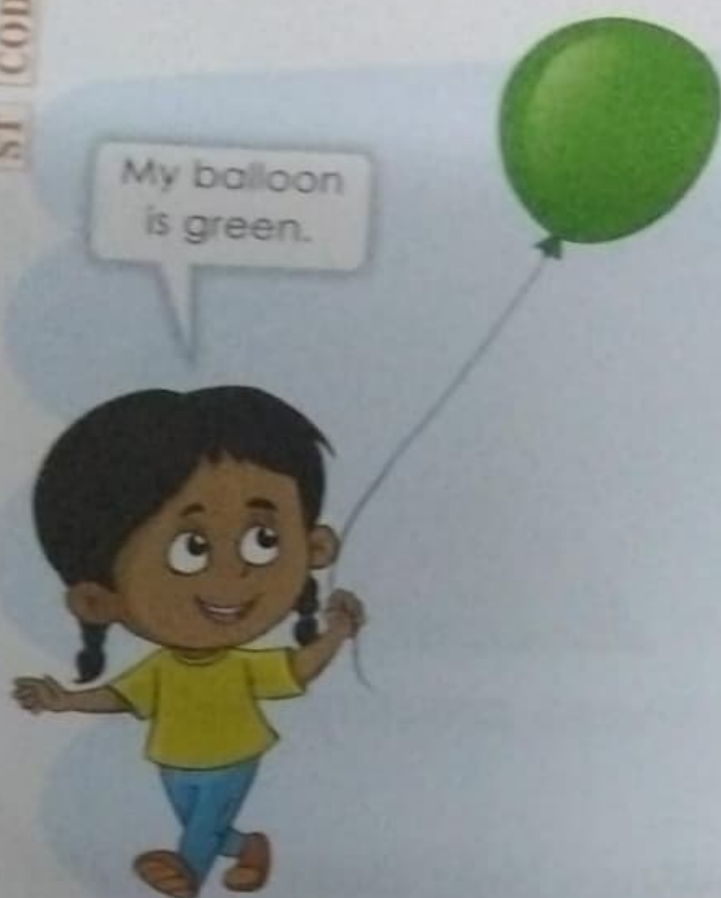
- develop positive learning habits
- develop effective verbal and non-verbal communication skills
- develop mathematical ideas through concrete experiences, spoken language, pictures and written symbols
- develop communication skills with oral math talk

Learning Outcomes

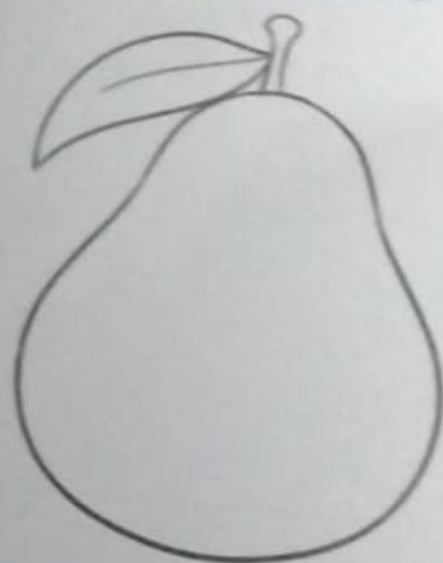
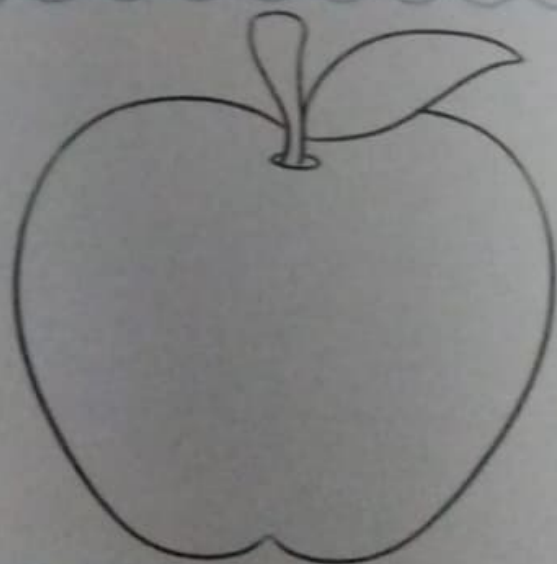
The students will:

Physical Development	• show balance and coordination and flexibility in physical activities
Socio-Emotional and Ethical Development	• learn to communicate effectively with peers and teacher
Cognitive Development	• identify objects and recognise their shapes • observe and sort objects into groups based on their shapes
Language and Literacy Development	• use the vocabulary learnt to describe shapes of objects • understand non-verbal instructions through CRM signs
Aesthetic and Cultural Development	• innovate and work imaginatively to express their ideas
Positive Learning Habits	• acquire skills to plan and focus attention

ST COD



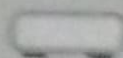
Colour the apple red. Colour the pear green.



LOTS PMD SP

Lesson 8: Colours

Theme 2:
Family Fun



4 Periods (40 minutes each)



Main Coursebook, CRM signs of Learning Kit, flashcard, crayons, chart paper



Animation, Animated Activities, eBook, Infographic, Slideshow, Test Generator

Curricular Goals and Objectives (ECCE)

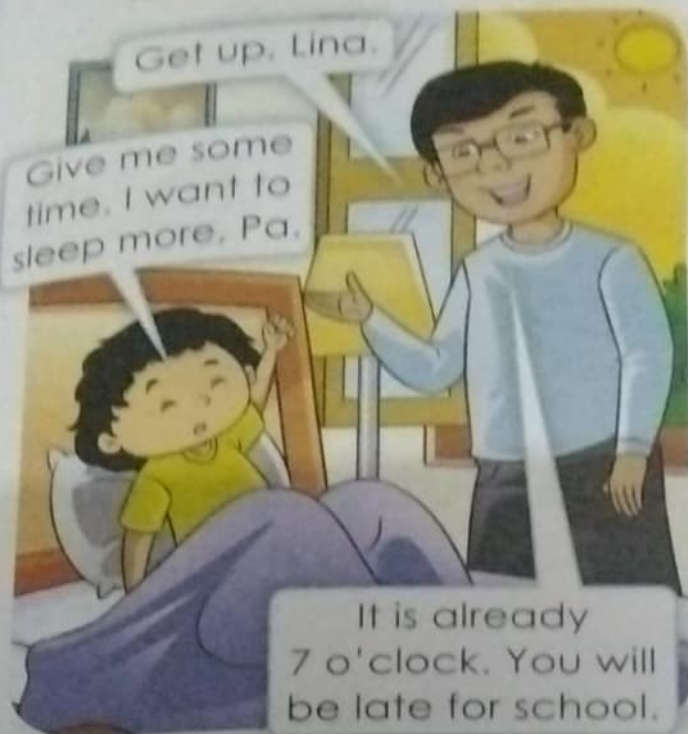
To enable the students:

- develop positive learning habits
- develop communication skills with oral math talk
- develop effective verbal and non-verbal communication skills
- develop mathematical ideas through concrete experiences, spoken language, picture and written symbols

Learning Outcomes

The students will:

Physical Development	differentiate between shapes, colours
Socio-Emotional and Ethical Development	works in collaboration with peers
Cognitive Development	identify and count objects three in number
Language and Literacy Development	use oral math talk to communicate ideas
Aesthetic and Cultural Development	explore and play with colours
Positive Learning Habits	follow classroom norms



Trace the numbers using your fingers.

6

7

8

9

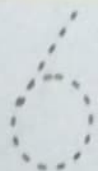
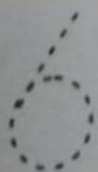
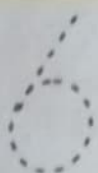
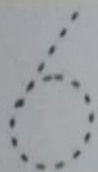
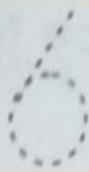
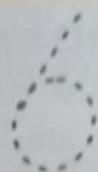
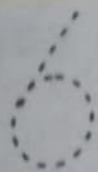
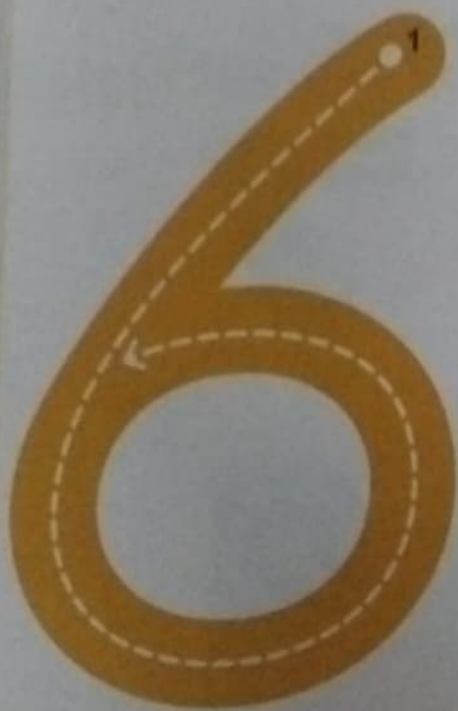
6



Six

6 Butterflies

1. Trace the number 6.



Lesson 9: Number 6

Theme 3:
School is Cool



4 Periods (40 minutes each)



CRM signs of Learning Kit, flashcards/number cards, chart paper, crayons, beads, buttons, blocks



Animation, Animated Activities, eBook, Infographic, Slideshow, Test Generator

Curricular Goals and Objectives (ECCE)

To enable the students:

- develop strength and coordination of motor skills
- develop positive learning habits
- develop communication skills using oral math talk
- develop mathematical ideas through concrete experiences, spoken language, pictures and written symbols

Physical Development

- hold writing tools firmly
- exhibit fine motor skills, eye-hand coordination and muscle strength in simple activities such as free hand colouring

Socio-Emotional and Ethical Development

- communicate effectively with peers and teacher

Cognitive Development

- observe and sort objects into groups based on their height as tall or short

Language and Literacy Development

- use the vocabulary learnt to identify tall and short objects
- understand non-verbal instructions through CRM signs

Aesthetic and Cultural Development

- innovate and work imaginatively to express their ideas

Positive Learning Habits

- acquire skills to plan and focus attention

ST COD

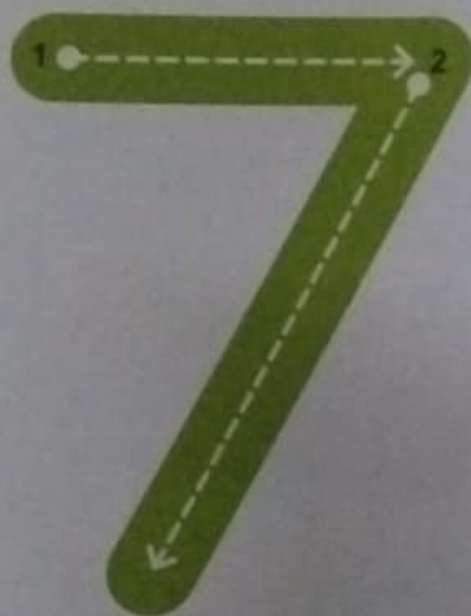
7



Seven

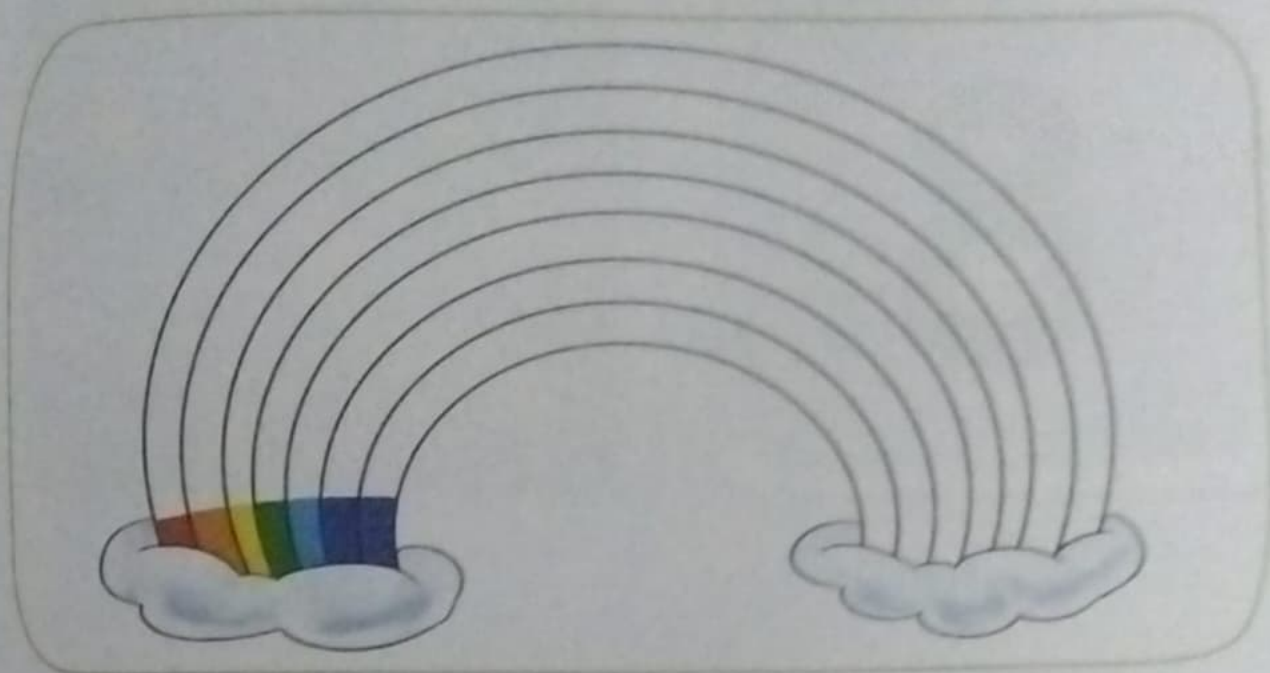
7 Ducks

1. Trace the number 7.

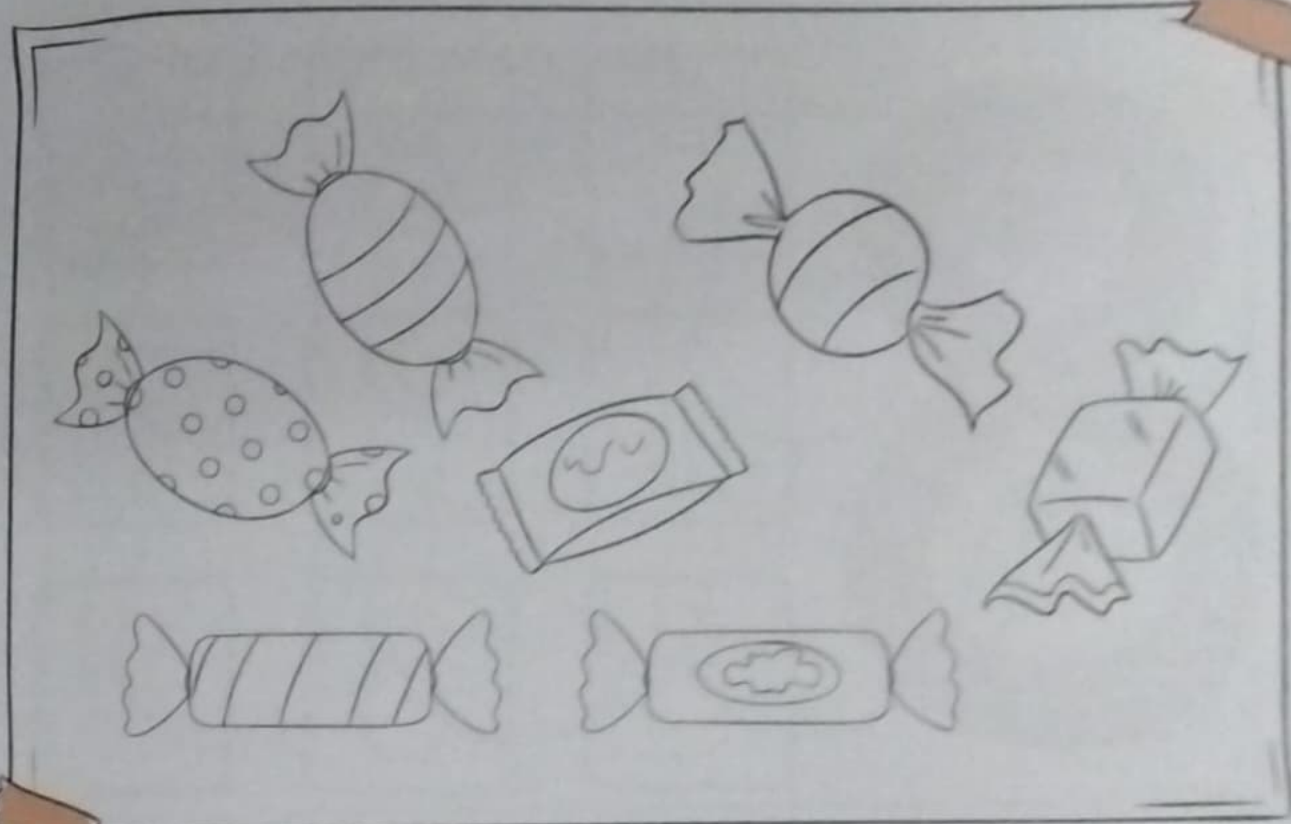


SP PMD COD

2. Fill seven colours in the rainbow.

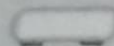


3. Colour seven candies.



Lesson 10: Number 7

Theme
School & C



4 Periods (40 minutes each)



CRM signs of Learning Kit, flashcards/number cards, crayons, glue, buttons



Animation, Animated Activities, eBook, Infographic, Slideshow, Test Generator

Curricular Goals and Objectives (ECCE)

To enable the students:

- develop strength and coordination of motor skills
- develop positive learning habits
- develop communication skills using oral math talk
- develop mathematical ideas through concrete experiences, spoken language, pictures and written symbols

Learning Outcomes

The students will:

Physical Development	• show balance and coordination and flexibility in physical activities
Socio-Emotional and Ethical Development	• learn to communicate effectively with peers and teacher
Cognitive Development	• identify the number seven • observe and sort objects into groups based on their numbers
Language and Literacy Development	• use the vocabulary learnt to count the number of objects • understand non-verbal instructions through CRM signs
Aesthetic and Cultural Development	• innovate and work imaginatively to express their ideas
Positive Learning Habits	• acquire skills to plan and focus attention

ST COD

8

Eight



8 Stars

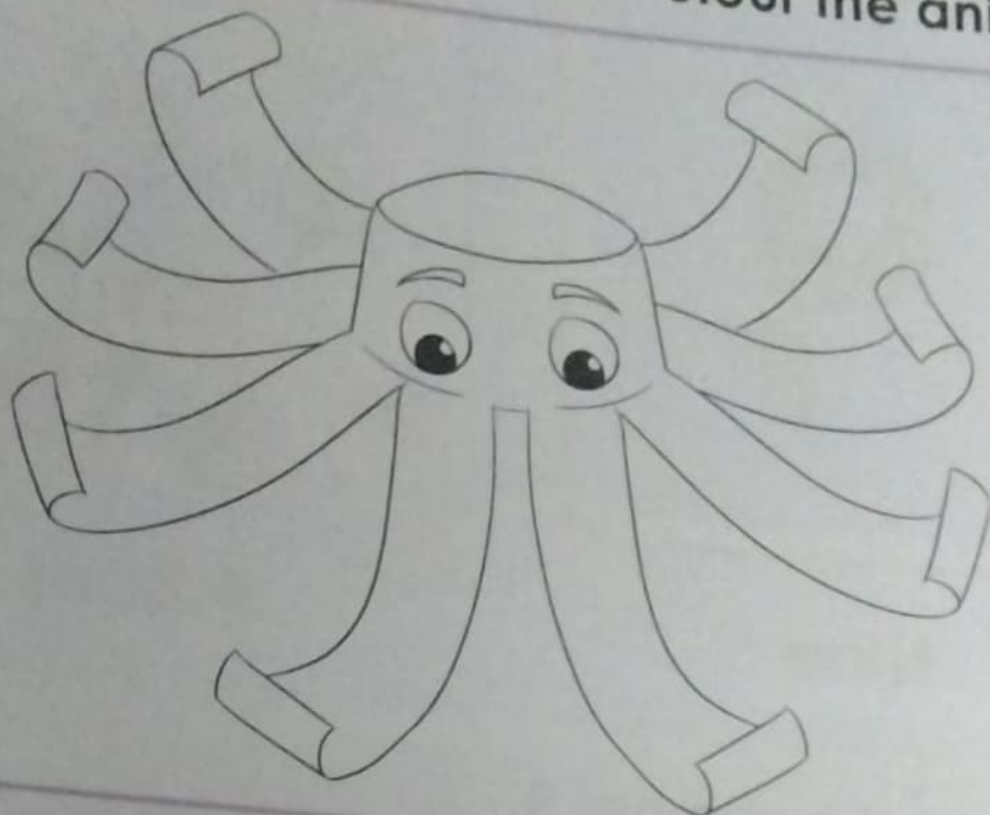
1. Trace the number 8.

SP PMD COD



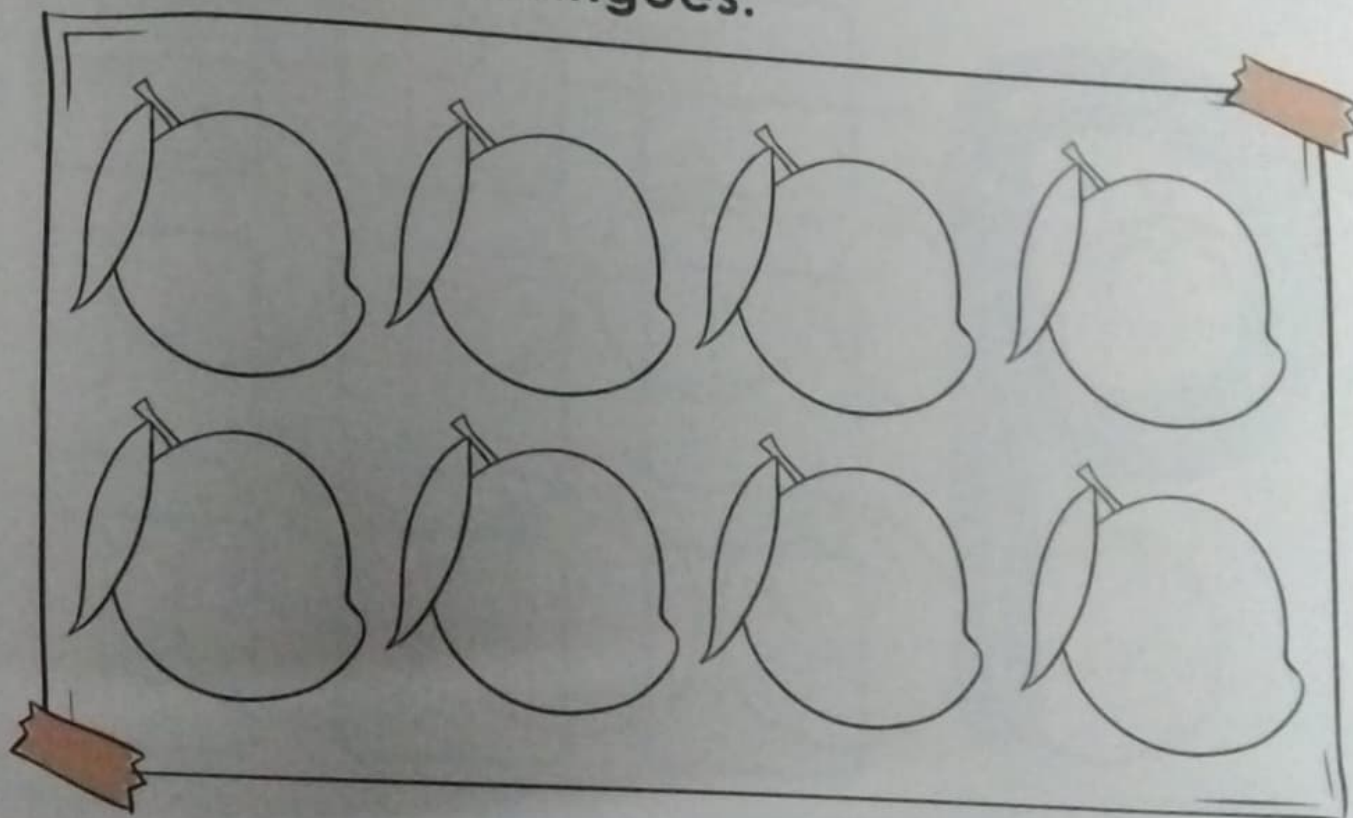
2. Count the number of legs. Colour the animal.

LOTS
PMD



3. Colour eight mangoes.

LOTS
PMD



Lesson 11: Number 8

Theme 3:
School Is Cool

4 Periods (40 minutes each)



Main Coursebook, CRM signs of Learning Kit, flashcards/number cards, crayons



Animation, Animated Activites, eBook, Infographic, Slideshow, Test Generator

Curricular Goals and Objectives (ECCE)

To enable the students:

- understand the number concepts
- develop cognitive skills related to sequential thinking
- develop positive learning habits
- develop communication skills using oral math talk
- develop strength and coordination of motor skills

Methodology

Period 1

Place: The lesson can be conducted in the classroom.

- Manage the class using CRM signs. Ask each one to share their favourite foods and games. Encourage them to share it in short, simple sentences or in their home language.
- Then, ask them to air trace the numbers 1, 2, 3, 4, 5, 6, 7 and 8 using their fingers. Let them say the numbers aloud.
- Then, ask them to open the book at page number 28. Let them look at the stars and count them. Next, guide them to air trace the number 8. Encourage them to say the number loud.

COULD DO

10 min.

☐

SHOULD DO

10 min.

☐

MUST DO

20 min.

☐

 **eBook** can be shown to the students to explain the concept taught.

Additional Suggested Activity

- The students can be given colourful buttons in a box. Let them count and take 6 buttons. Ask the children to place them on the table in the shape of number 6.

Home Task

- Parents can sit with the child and help him/her count kidney beans and make a group of 8.

Learning Outcomes

The students will:

Physical Development	• hold writing tools firmly
Socio-Emotional and Ethical Development	• communicate effectively with peers and teacher
Cognitive Development	• observe and sort objects into groups based on their numbers
Language and Literacy Development	• use the vocabulary learnt to count the number of objects • understand non-verbal instructions through CRM signs
Aesthetic and Cultural Development	• innovate and work imaginatively to express their ideas
Positive Learning Habits	• acquire skills to plan and focus attention

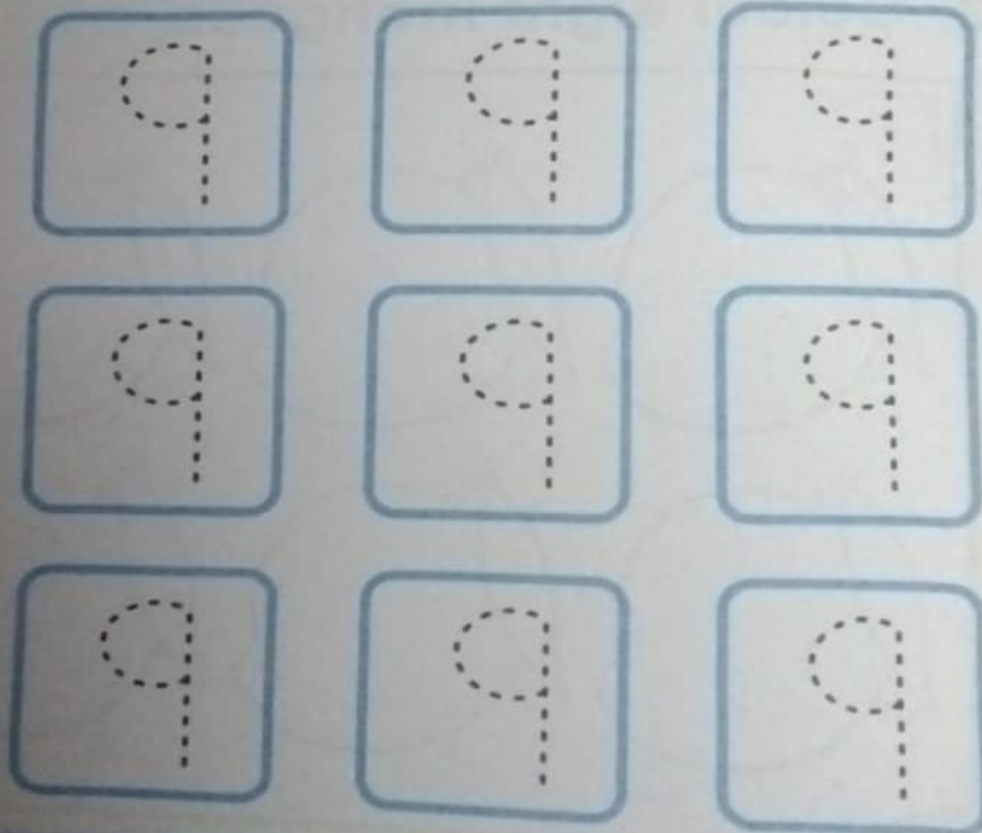
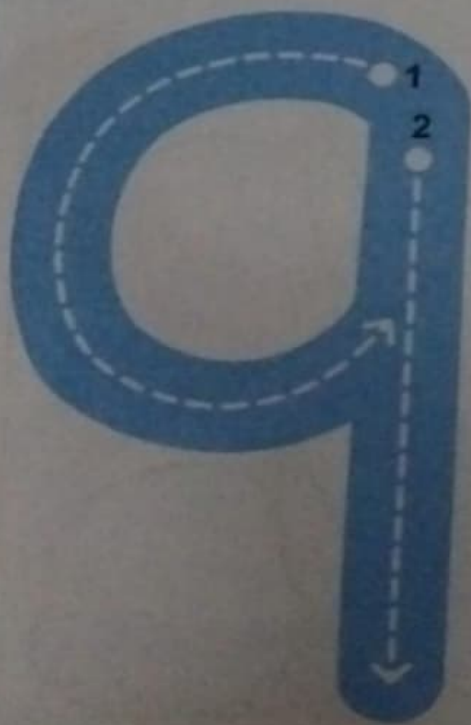
9

Nine



9 Bees

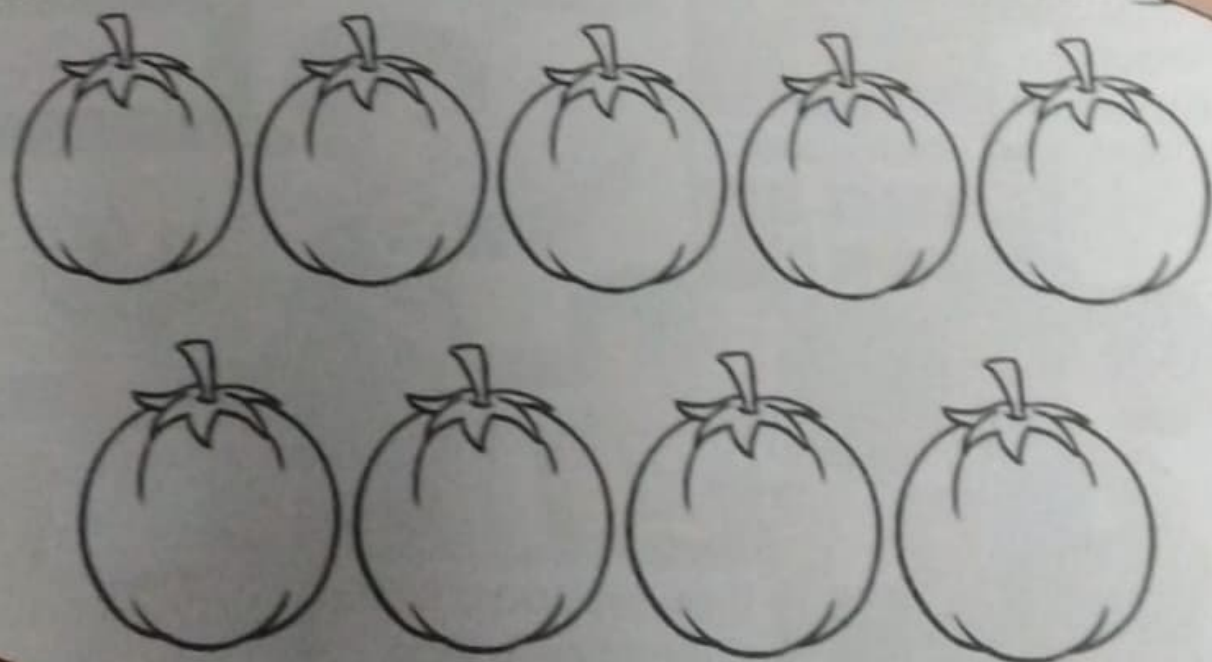
1. Trace the number 9.



2. Circle nine stars. Colour them with your favourite colours.

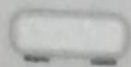


3. Colour nine tomatoes.



Lesson 12: Number 9

Theme 3
School Is Cool



4 Periods (40 minutes each)



Main Coursebook, CRM signs of Learning Kit, flashcards/number cards, straws, buttons



Animation, Animated Activities, eBook, Infographic, Slideshow, Test Generator

Curricular Goals and Objectives (ECCE)

To enable the students:

- understand the number concepts
- develop strength and coordination of motor skills
- develop positive learning habits
- develop communication skills using oral math talk

Learning Outcomes

The students will:

Physical Development	• show balance and coordination of motor skills
Socio-Emotional and Ethical Development	• learn to communicate effectively with peers and teacher
Cognitive Development	• count and write the number of objects • observe and sort objects into groups based on number
Language and Literacy Development	• understand non-verbal instructions through CRM signs
Aesthetic and Cultural Development	• innovate and work imaginatively to express their ideas
Positive Learning Habits	• acquire skills to plan and focus attention



Theme 4: Best Buddies



Hello, students. I am
your class teacher.

Good Morning,
teacher!

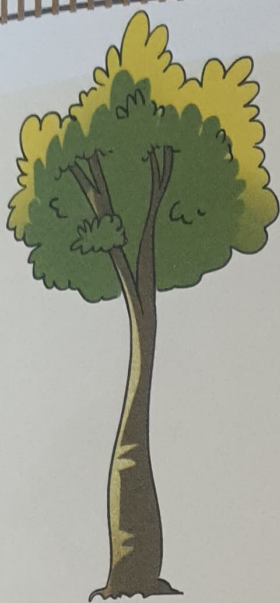
Today, we will learn about some
new things, like tall and short.

Teacher,
what is tall?

What is short?

That cupboard is tall.
This chair is short.

Tall-Short

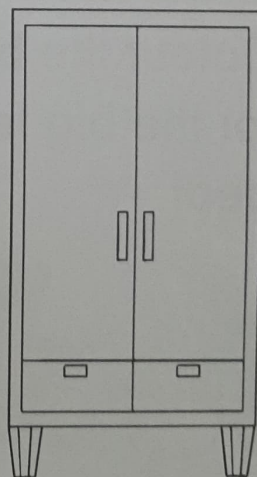
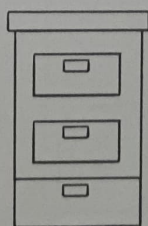
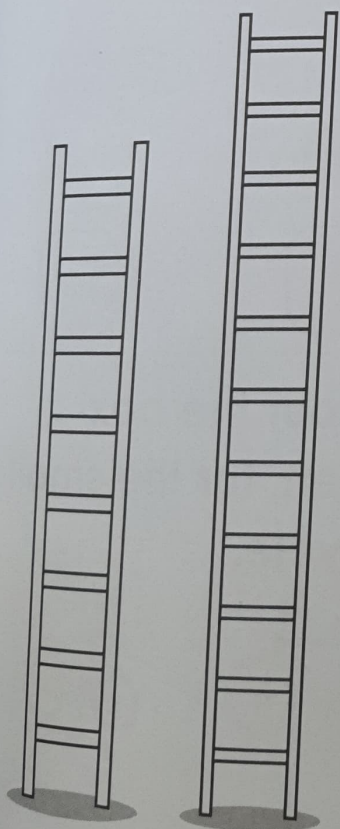


Tall tree



Short tree

Colour the tall objects green. Colour the short objects red.



COD

ST

SP

LOTS

PMD

Lesson 13: Tall-Short

Theme 4:
Best Buddies

 4 Periods (40 minutes each)



CRM signs of Learning Kit, flashcards, sticks/blocks, manipulatives (building blocks)



Animation, Animated Activities, ebook, Infographic, Slideshow, Test Generator

Curricular Goals and Objectives (ECCE)

To enable the students:

- understand pre-number concepts
- understand comparative terms
- develop positive learning habits
- develop communication skills through oral math talk

Learning Outcomes

The students will:

Physical Development	• hold writing tools firmly • exhibit fine motor skills, eye-hand coordination and muscle strength in simple activities such as free hand colouring
Socio-Emotional and Ethical Development	• communicate effectively with peers and teacher
Cognitive Development	• observe and sort objects into groups based on their height as tall or short
Language and Literacy Development	• use the vocabulary learnt to identify tall and short objects • understand non-verbal instructions through CRM signs
Aesthetic and Cultural Development	• innovate and work imaginatively to express their ideas
Positive Learning Habits	• acquire skills to plan and focus attention

ST COD



Big



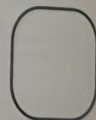
Small

SP LOTS

1. Colour the box red for the big bird.



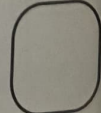
2. Colour the box green for the small fish.



3. Colour the box red for the big teddy bear.



4. Colour the box green for the small bicycle.



Lesson 14: Big-Small

Theme 4:
Best Buddies



4 Periods (40 minutes each)



Main Coursebook, CRM signs of Learning Kit, flashcards, beads, balls, toys



Animation, Animated Activities, ebook, Infographic, Slideshow, Test Generator

Curricular Goals and Objectives (ECCE)

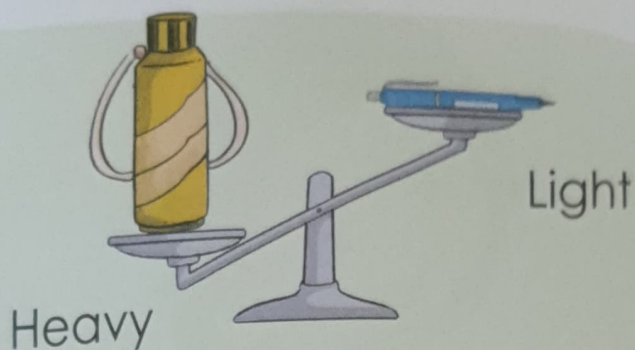
To enable the students:

- develop interpersonal skills with respect to peers
- understand pre-number concepts
- develop knowledge and skills related to comparison and classification
- develop positive learning habits
- develop communication skills through oral math talk

Learning Outcomes

The students will:

Physical Development	• hold writing tools firmly
Socio-Emotional and Ethical Development	• communicate effectively with peers and teacher
Cognitive Development	• observe and sort objects into groups based on their mass or weight
Language and Literacy Development	• use the vocabulary learnt to classify objects • understand non-verbal instructions using CRM signs
Aesthetic and Cultural Development	• innovate and work imaginatively to express their ideas
Positive Learning Habits	• acquire skills to plan and focus attention • observe minute details, explore and ask questions

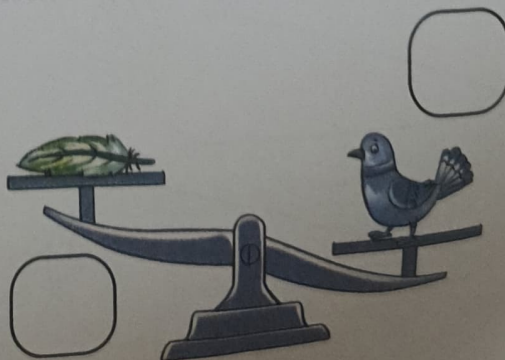
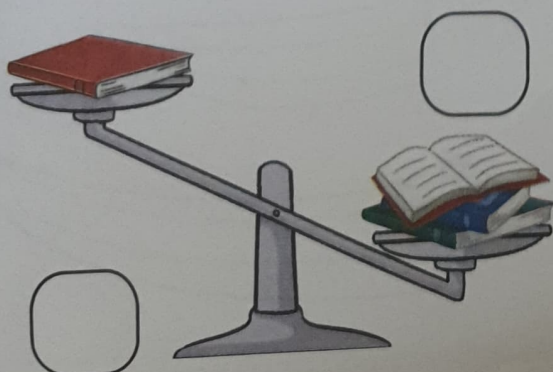


Weighing machine

A weighing machine is used to know which object is heavy and which object is light.

One object is placed on each side. The side that goes up has the light object. The side that goes down has the heavy object.

Colour the box with the heavier object green.
Colour the box with the lighter object red.



Lesson 15: Heavy-Light

Theme 1
Best Buddies



4 Periods (40 minutes each)



CRM signs of Learning Kit, flashcards, sticks/ blocks, beads, balls, pebbles, cotton, buttons, blocks, dry leaves, pencils, ribbons, white sheet of paper



Animation, Animated Activities, ebook, Infographic, Slideshow, Test Generator

Curricular Goals and Objectives (ECCE)

To enable the students:

- develop interpersonal skills with respect to peers
- understand pre-number concepts
- develop knowledge and skills related to comparison and classification
- develop positive learning habits
- develop communication skills through oral math talk

Learning Outcomes

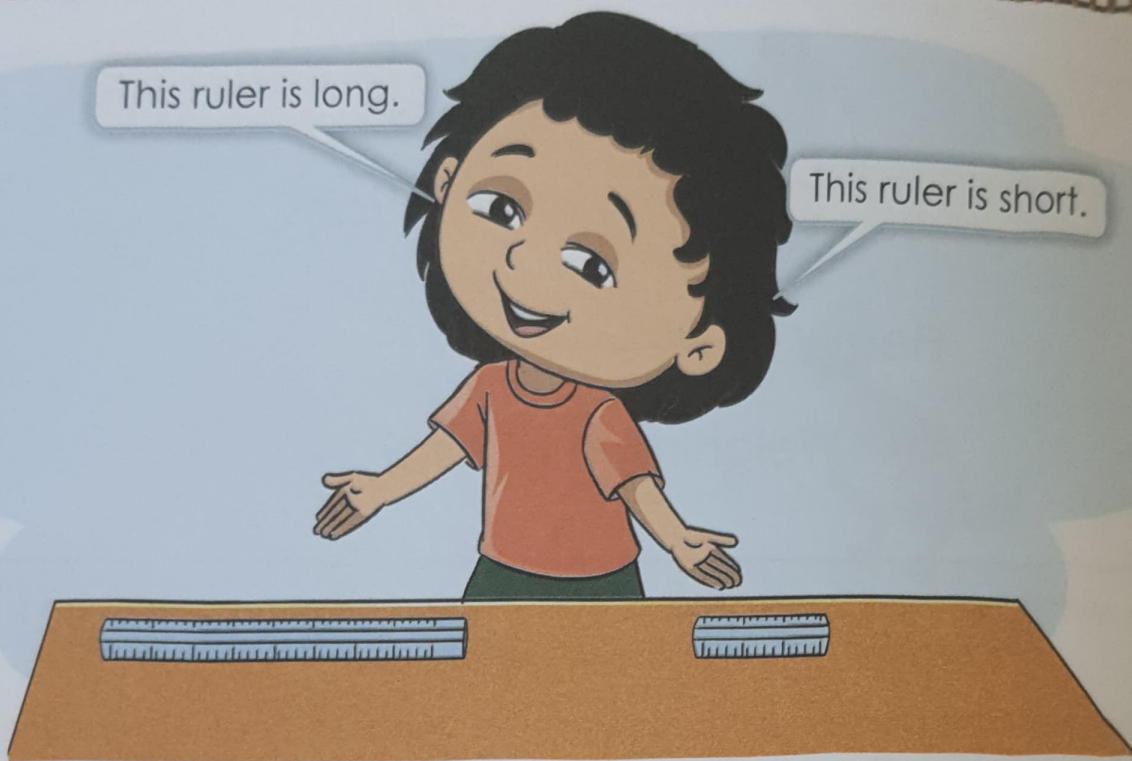
The students will:

Physical Development	• hold writing tools firmly
Socio-Emotional and Ethical Development	• communicate effectively with peers and teacher
Cognitive Development	• observe and sort objects into groups based on their mass or weight
Language and Literacy Development	• use the vocabulary learnt to classify objects • understand non-verbal instructions using CRM signs
Aesthetic and Cultural Development	• innovate and work imaginatively to express their ideas
Positive Learning Habits	• acquire skills to plan and focus attention • observe minute details, explore and ask questions

ST
CODST
COD

This ruler is long.

This ruler is short.

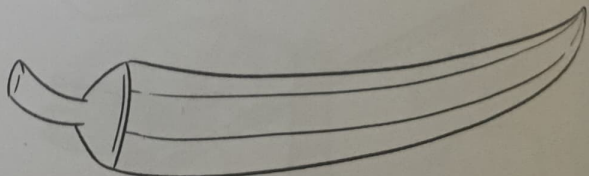
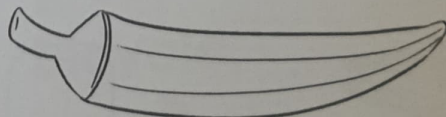
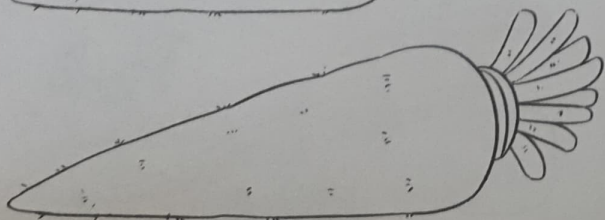
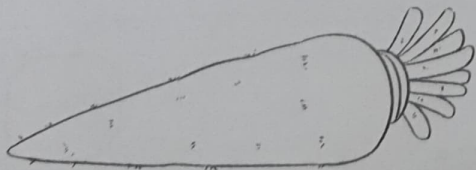
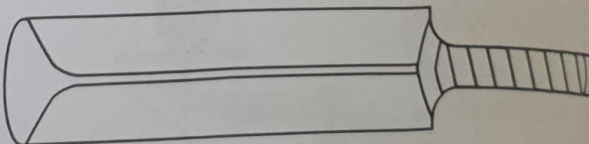
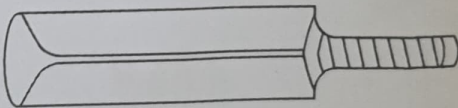
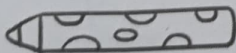
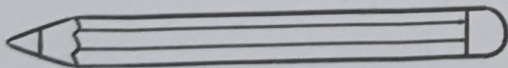


LOTS

SP

PMD

Colour the long objects yellow. Colour the short objects red.



Lesson 16: Long-Short

Theme 4:
Best Buddies

4 Periods (40 minutes each)



CRM signs of Learning Kit, flashcards, sticks/ blocks, beads, balls, pebbles, cotton, building blocks, dry leaves, pencils, ribbons, white sheet of paper



Animation, Animated Activites, ebook, Infographic, Slideshow, Test Generator

Curricular Goals and Objectives (ECCE)

To enable the students:

- develop strength and coordination of motor skills
- develop effective verbal and non-verbal communication skills
- develop mathematical ideas through concrete experiences, spoken language, pictures and written symbols
- develop communication skills using oral math talk
- develop interpersonal skills with respect to peers
- understand pre-number concepts
- develop knowledge and skills related to comparing and classification

Learning Outcomes

The students will:

Physical Development	• hold writing tools firmly
Socio-Emotional and Ethical Development	• communicate effectively with peers and teacher
Cognitive Development	• observe and sort objects into groups based on their length
Language and Literacy Development	• use the vocabulary learnt to count the number of objects • understand non-verbal instructions through CRM signs
Aesthetic and Cultural Development	• innovate and work imaginatively to express their ideas
Positive Learning Habits	• acquire skills to plan and focus attention